

**M47 DRAGON
MEDIUM ANTITANK WEAPON SYSTEM**

CONTENTS

	Page
Preface	iv
CHAPTER 1. INTRODUCTION	
1-1. Major Components.....	1-1
1-2. Technical Data	1-6
CHAPTER 2. OPERATION AND FUNCTION	
2-1. Inspection	2-1
2-2. Carrying Techniques	2-1
2-3. Preparation for Firing	2-1
2-4. Firing Positions	2-5
2-5. Target Acquisition and Evaluation	2-5
2-6. Missile Flight and Control	2-6
2-7. Failure to Fire	2-7
2-8. Restoration to Carrying Configuration	2-8
2-9. Adverse Weather Conditions	2-8
CHAPTER 3. TRAINING EQUIPMENT	
3-1. Precision Gunnery Training System	3-1
3-2. Dragon Gunnery Trainer	3-2
3-3. Dragon Field Tactical Trainer	3-3
CHAPTER 4. UNIT TRAINING	
4-1. Training Strategy	4-1
4-2. Commander's Responsibility	4-2
4-3. Training Program Goals.....	4-2
4-4. Instructor Selection	4-2
4-5. Gunner Selection	4-3
4-6. Matching the Training Program to the Unit	4-3
4-7. Leader Training	4-3
4-8. Gunner Training	4-4

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

* This publication supersedes FM 23-24, 3 April 1990.

	Page	
4-9. Team Training	4-6	
4-10. Collective Training	4-7	
4-11. Evaluation	4-7	
CHAPTER		
5. INSTRUCTOR'S GUIDE TO EFFECTIVE TRAINING		
5-1. Training Program Schedule	5-1	
5-2. Individual Instruction	5-1	
5-3. Training Sequence	5-1	
5-4. Firing Positions	5-2	
5-5. M113 Instructional Techniques	5-4	
5-6. Sighting, Aiming, and Firing	5-4	
5-7. Breath Control	5-5	
5-8. Tracking Exercises	5-5	
5-9. Range Procedures	5-5	
CHAPTER		
6. GUNNER QUALIFICATION PROGRAM		
6-1. Requirements	6-1	
6-2. Program of Instruction	6-1	
CHAPTER		
7. SUSTAINMENT TRAINING PROGRAM		
7-1. Gunner Sustainment Training	7-1	
7-2. Collective Training	7-1	
CHAPTER		
8. EMPLOYMENT		
Section	I. Employment in the Defense	8-1
	8-1. Firing Positions	8-1
	8-2. Movement	8-2
	8-3. Selection of Fighting Positions	8-2
	8-4. Preparation of Fighting Positions	8-3
	8-5. Preparation of Range Cards	8-7
	8-6. Target Identification	8-9
	8-7. Target Recognition by Type	8-11
	8-8. Thermal Identification	8-12
Section	II. Target Engagement	8-13
	8-9. Engagement Range	8-13
	8-10. Range Determination	8-13
	8-11. Time and Space	8-15
	8-12. Vulnerable Points of Armored Vehicles	8-17
	8-13. Fire Control	8-17
	8-14. Limited Visibility	8-21
APPENDIX A.	TRAIN-THE-TRAINER TASKS FOR THE DGT AND DFTT	A-1
APPENDIX B.	DRAGON GUNNERY TRAINER	B-1

	Page
APPENDIX C. DRAGON FIELD TACTICAL TRAINER	C-1
APPENDIX D. FIRING TABLES FOR DRAGON PRECISION GUNNERY TRAINING DEVICES	D-1
APPENDIX E. M113 ARMORED PERSONNEL CARRIER	E-1
APPENDIX F. SAFETY	F-1
APPENDIX G. GUNNER'S PERFORMANCE TEST	G-1
APPENDIX H. DECONTAMINATION AND DESTRUCTION PROCEDURES .	H-1
APPENDIX I. THERMAL TARGET RECOGNITION, IDENTIFICATION, AND ENGAGEMENT.....	I-1
 GLOSSARY	Glossary-1
REFERENCES	References-1
INDEX	Index-1

DA FORMS